

ABSTRACT OF THE INVENTION

A method and apparatus for notifying a user of an incoming cellular telephone call are provided. The apparatus includes a cellular telephone body having at least a back surface, a first transducer positioned within said cellular telephone body perpendicular to the back surface and adapted to generate a first acoustic field, and a second transducer positioned coaxially to the first transducer and adapted to generate a second acoustic field. A first frequency generator is coupled with the first transducer to drive the first transducer to generate the first acoustic field and a second frequency generator is coupled with the second transducer to drive the second transducer to generate the second acoustic field in response to an indication that an incoming cellular telephone call has been received. The first and second acoustic fields overlap. The overlapping fields generate a vibrational sensation from a difference of frequency from unequal frequencies generated by the first and second transducers. The vibration sensation being maintained from the overlapping fields at a user's tissue, thereby indicating to a user that an incoming cellular telephone call has been received. A corresponding method for implementing the apparatus is also provided in accordance with the invention.